

FORM PTO 1449
(REV 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 97-75C1

Serial No.
10/011,859TECH
CENTERMAR 21
2002

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAR 14 2002 (Use several sheets if necessary)

Applicant(s):

Paul O. Sheppard, Stephen R. Jasper
Zeren GaoFiling Date:
November 5, 2001

Group:

600/2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	A1	99/21998	PCT			

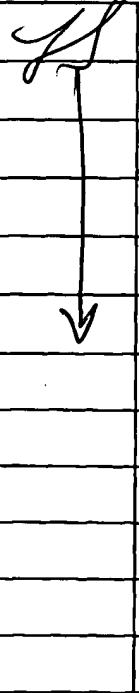
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

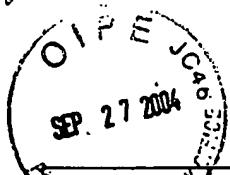
J	A2	LIFESEQ™ Clone Information Results (INC555067), Incyte Pharmaceuticals, Inc., 1995.
	A3	LIFESEQ™ Clone Information Results (INC2509339), Incyte Pharmaceuticals, Inc., 1997.
	A4	LIFESEQ™ Clone Information Results (INC3208053), Incyte Pharmaceuticals, Inc., 1997.
	A5	LIFESEQ™ Clone Information Results (INC3941821), Incyte Pharmaceuticals, Inc., 1997.
	A6	LIFESEQ™ Clone Information Results (INC3036490), Incyte Pharmaceuticals, Inc., 1998.
	A7	Strausberg, Cancer Genome Anatomy Project, Genbank Acc. No. AA592984, 1997.
	A8	Strausberg, Cancer Genome Anatomy Project, Genbank Acc. No. AA897322, 1997.
	A9	Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA200958, 1996.
	A10	Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA764003, 1996.
	A11	Marra et al., WashU-HHMI Mouse EST Project, Genbank Acc. No. AA840452, 1996.
	A12	LIFESEQ™ Library Information Results (BRAIUNT01), Incyte Pharmaceuticals, Inc., date unknown.
↓	A13	LIFESEQ™ Library Information Results (SCORNTO4), Incyte Pharmaceuticals, Inc., date unknown.

Examiner	Date considered
J. Spector	4/5/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

FORM PTO 1449 (REV 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		File No. 97-75C1	Serial No. 10/011,859		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>Use several sheets if necessary</i>				Applicant(s): Paul O. Sheppard, Stephen R. Jaspers, Zeren Gao			
				Filing Date: November 5, 2001	Group: TECH CENTER 1600/2000 MAR 21 2002		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)							
	A14	LIFESEQ™ Library Information Results (PENCNOT03), Incyte Pharmaceuticals, Inc., date unknown.					
	A15	LIFESEQ™ Library Information Results (SCORN01), Incyte Pharmaceuticals, Inc., date unknown.					
	A16	LIFESEQ™ Library Information Results (CONUTUT01), Incyte Pharmaceuticals, Inc., date unknown.					
	A17	Tubby, Acc. No. Z99289, 1997.					
	A18	Hurvitz et al., <u>Nature Genetics</u> 23: 94-98, 1999.					
	A19	Pennica et al., <u>Proc. Natl. Acad. Sci. U.S.A.</u> 95: 14717-14722, 1998.					
Examiner	<i>J. Spector</i>			Date considered			
<i>1/5/05</i>							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



TM PTO-1449 <small>(REV. 2-32)</small>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	File No. 97-75C1 Serial No. 10/011,859
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small>		Applicant(s): Paul O. Sheppard, Stephen R. Jaspers, Zeren Gao
		Filing Date: November 5, 2001
		Group: 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	Name	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,194,596	3/16/93	Tischer et al.	530	399	
	5,350,836	9/27/94	Kopchick et al.	530	399	
↓	5,408,040	4/18/95	Grotendorst et al.	530	399	

FOREIGN PATENT DOCUMENTS

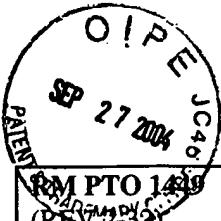
Examiner Initial		DOCUMENT NUMBER	Date	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	<p>A. Gladwin et al., <i>Human Molecular Genetics</i> 6(1):123-127, 1997.</p>
	<p>N. Braverman et al., <i>Nature Genetics</i> 15:369-376, 1997.</p>
	<p>C.C. Pilbeam et al., "Comparison of the effects of various lengths of synthetic human parathyroid hormone-related peptide (hPTHrP) or malignancy on bone resorption and formation in organ culture," <i>Bone</i> 14:717-720, 1993.</p>
	<p>S. Vukicevic et al., "Induction of nephrogenic mesenchyme by osteogenic protein 1 (bone morphogenic protein 7)," <i>Proc. Nat. Acad. Sci. USA</i> 93:9021-9026, 1996.</p>
	<p>J. Massague, "The TGF-β family of growth and differentiation factors," <i>Cell</i> 49:437-438, 1987.</p>
	<p>L.E. Benjamin et al., "Aj plasticity window for blood vessel remodeling is defined by pericyte coverage of the preformed endothelial network and is regulated by PDGF-B and VEGF," <i>Development</i> 125:</p>
	<p>J. Skoinkick et al., "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotech</i> 18(1):34-39, 2000.</p>
	<p>P. Bork, "Powers and pitfalls in sequence analysis: The 70% hurdle," <i>Genome Research</i> 10:398-400, 2000.</p>

Examiner	 Spector	Date considered	1/5/05
----------	---	-----------------	--------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



USPTO 1419
(REV. 1-2002)

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)**

File No. 97-75C1
Serial No.
10/011,859

Applicant(s):
Paul O. Sheppard, Stephen R. Jaspers,
Zeren Gao

Filing Date:
November 5, 2001
Group: 1647

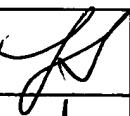
U.S. PATENT DOCUMENTS

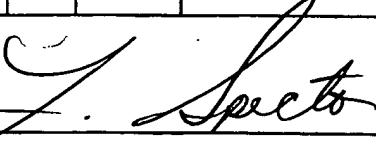
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	Name	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

			T. Doerks et al., "Protein annotation: detective work for function prediction," <i>Trends in Genetics</i> 4(8):248-250, June 1998.
			T.F. Smith et al., "The challenges of genome sequence annotation or "The devil is in the details," <i>Nature Biotechnology</i> 15:1222-1223, 1997.
			S.E. Brenner, "Errors in genome annotation," <i>Trends in Genetics</i> 15(4):132-133, 1999.
			P. Bork, "Go hunting in sequence databases but watch out for the traps," <i>Trends in Genetics</i> 12(10):425-426, 1996.
			R. Strausberg, Loci AW592899 and AA592984, 1997, National Cancer Institute Cancer Genome Anatomy Project, Tumor Gene Index, Accessed 8/21/00

Examiner 	Date considered 1/5/05
--	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.